

DATA PROCESSING SYSTEM FOR COMPLEX
PRICING AND TRANSACTIONAL ANALYSIS

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5 ABSTRACT OF THE DISCLOSURE

10 The present invention provides methods and systems
for defining financial transaction components; defining
mapping rules for taking individual financial transactions
and breaking them down into their components, such as
production services, billing services and settlement
services. A data processing system in accordance with one
embodiment of the present invention, creates a transaction
instance corresponding to a financial transaction, creates
a production service instance linked to the transaction
15 instance by a first relation instance, and creates a
billing service instance linked to the production service
instance by a second relation instance. The data
processing system, may also create other production
service instances linked to the transaction instance using
20 other relation instances, as well as, other billing
service instances linked to the production service
instances.